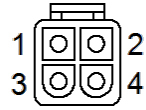
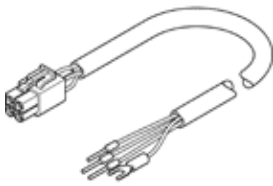


# Motor cable NEBM-H6G4-E-20-Q13N-LE4

Part number: 8097204  
★ Core product range

FESTO



## Data sheet

| Feature                                              | Value                                                                         |
|------------------------------------------------------|-------------------------------------------------------------------------------|
| Cable identification                                 | Without inscription label holder                                              |
| Electrical connection 1, function                    | Field device side                                                             |
| Electrical connection 1, design                      | Angular                                                                       |
| Electrical connection 1, connection type             | Plug socket                                                                   |
| Electrical connection 1, cable outlet                | Straight                                                                      |
| Electrical connection 1, connection technology       | Connection pattern H6, coded for the motor                                    |
| Electrical connection 1, number of pins/wires        | 4                                                                             |
| Electrical connection 1, occupied pins/wires         | 4                                                                             |
| Electrical connection 2, function                    | Controller side                                                               |
| Electrical connection 2, connection type             | Cable                                                                         |
| Electrical connection 2, connection technology       | Open end                                                                      |
| Electrical connection 2, number of pins/wires        | 4                                                                             |
| Electrical connection 2, occupied pins/wires         | 4                                                                             |
| Operating voltage range DC                           | 0 ... 300 V                                                                   |
| Operating voltage range AC                           | 0 ... 300 V                                                                   |
| Acceptable current load at 40°C                      | 9.5 A                                                                         |
| Surge strength                                       | 2 kV                                                                          |
| Cable length                                         | 20 m                                                                          |
| Cable attribute                                      | Suitable for energy chains                                                    |
| Test conditions of cable                             | Test conditions on request                                                    |
| Bending radius, fixed cable installation             | ≥ 55 mm                                                                       |
| Bending radius, flexible cable installation          | ≥ 55 mm                                                                       |
| Cable diameter                                       | 7.3 mm                                                                        |
| Cable structure                                      | 4x0,79                                                                        |
| Nominal conductor cross-section                      | 0.79 mm <sup>2</sup>                                                          |
| Nominal conductor cross section (AWG)                | AWG18                                                                         |
| Wire ends                                            | Wire end ferrule                                                              |
| Protection class                                     | IP20                                                                          |
| Note on degree of protection                         | in assembled condition                                                        |
| Ambient temperature                                  | -25 ... 90 °C                                                                 |
| Ambient temperature with flexible cable installation | -25 ... 90 °C                                                                 |
| CE symbol (see declaration of conformity)            | according to EU low voltage guideline<br>in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity)         | To UK instructions for electrical equipment<br>To UK RoHS instructions        |
| PWIS conformity                                      | VDMA24364 zone III                                                            |
| Materials note                                       | Conforms to RoHS                                                              |
| Degree of contamination                              | 3                                                                             |
| Corrosion resistance classification CRC              | 0 - No corrosion stress                                                       |
| Material cable sheath                                | PVC                                                                           |
| Cable sheath color                                   | Black                                                                         |
| Material housing                                     | PA                                                                            |
| Housing color                                        | white                                                                         |
| Material insulation                                  | PVC                                                                           |